



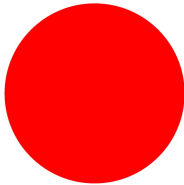
LED element,front,red

Part no.
Article no.

M22-LED-R
216558

→ Engineering

Program

Range			RMQ-Titan (drilling dimensions 22.5 mm)
Basic function			LED elements
Single unit/Complete unit			Single unit
Fixing			Front fixing
Connection technique			Screw terminals
Rated operational voltage	U_e	V	12 - 30 V AC/DC
Rated operational current	I_e	mA	8 - 15
Power consumption	$P_{max.}$	W	0.26
			at 24 V
Colour			
			
			Red
Protection type			IP20
Front ring			- N/A -
Connection to SmartWire-DT			no
Notes			
For pushbutton actuators, indicator lights, illuminated pushbutton actuators and illuminated selector switch actuators, the following applies:			
M22...-R only in combination with M22-LED...-R			
M22...-G only in combination with M22-LED...-G			
M22...-W only in combination with M22-LED...-W			
M22...-Y only in combination with M22-LED...-W			
M22...-B in combination with M22-LED...-W or M22-LED...-B			

Approbationen

UL approval	Yes
CSA approval	Yes
Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	012528
CSA Class No.	3211-03
NA Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type: -

General

Standards			IEC/EN 60947 VDE 0660
Operating torque (screw terminals)		Nm	 0.8
Protection type			IP20
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30

Ambient temperature		°C	
Open		°C	- 25 - + 70
Storage		°C	- 40 - + 80
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
Terminal capacities		mm ²	
Solid		mm ²	0.75 - 2.5
Stranded		mm ²	0.5 - 2.5

Contacts

Rated impulse withstand voltage	U _{imp}	V AC	6000
Rated insulation voltage	U _i	V	500
Overvoltage category/pollution degree			III/3

Notes

Notes > 200 V AC/60 Hz: -25/+55 °C			
Indoor and protected outdoor installation			

Technical data according to ETIM 4.0

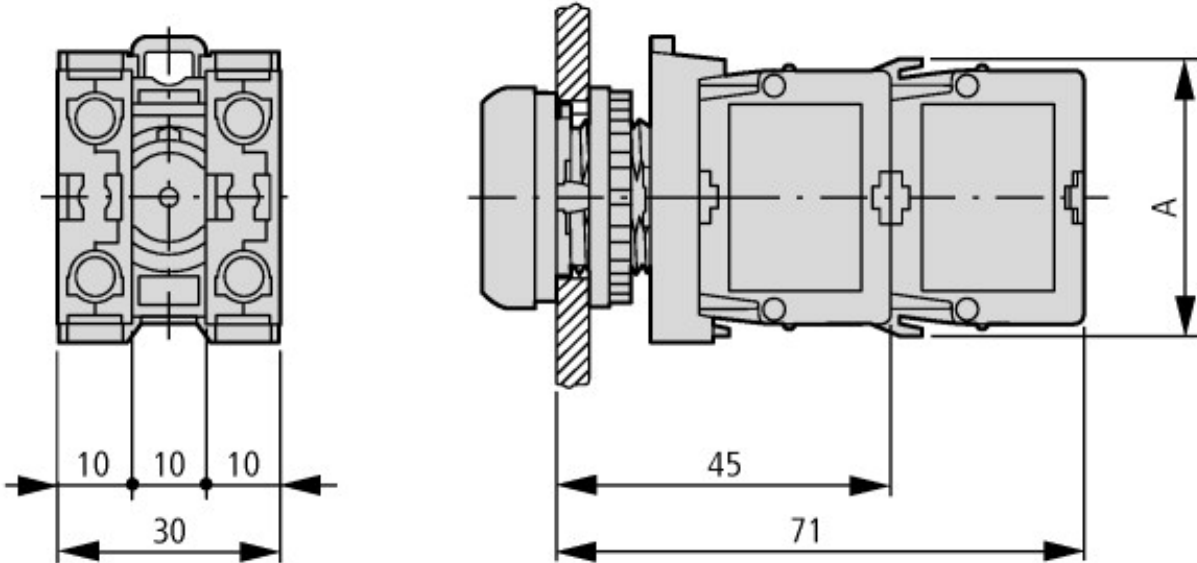
With integrated series resistor			No
Type of light element			LED
Lamp holder			without
Mounting type			Front mount
With integrated light element			YES
Voltage type for actuation			AC/DC
With integrated diode			YES
With integrated transformer			No
Rated operating voltage U _e at AC 60 Hz		V	0
Light element			red
Rated operating voltage U _e at AC 50 Hz		V	0
Rated operating voltage U _e at DC		V	30
Connection type auxiliary circuit			Screw connection

CAD-Data

Product standards CAD data:

<http://eaton-moeller.partcommunity.com>

Dimensions

 Pushbutton with M22-(C)K... Pushbutton with M22-(C) LED... + M22-XLED...
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Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2011_03.pdf
Engineering	
Engineering, circuit diagrams	ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/PRO_RMQ_Titan_Vorschaltelemente_de.pdf